GOVDATA – THE DATA PORTAL FOR GERMANY

Jens Klessmann, 13. April 2015
@kejan

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Wir machen Städte schlau

FOKUS COMPETENCE CENTER E-GOVERNMENT

Our vision: Cooperative process oriented eGovernment

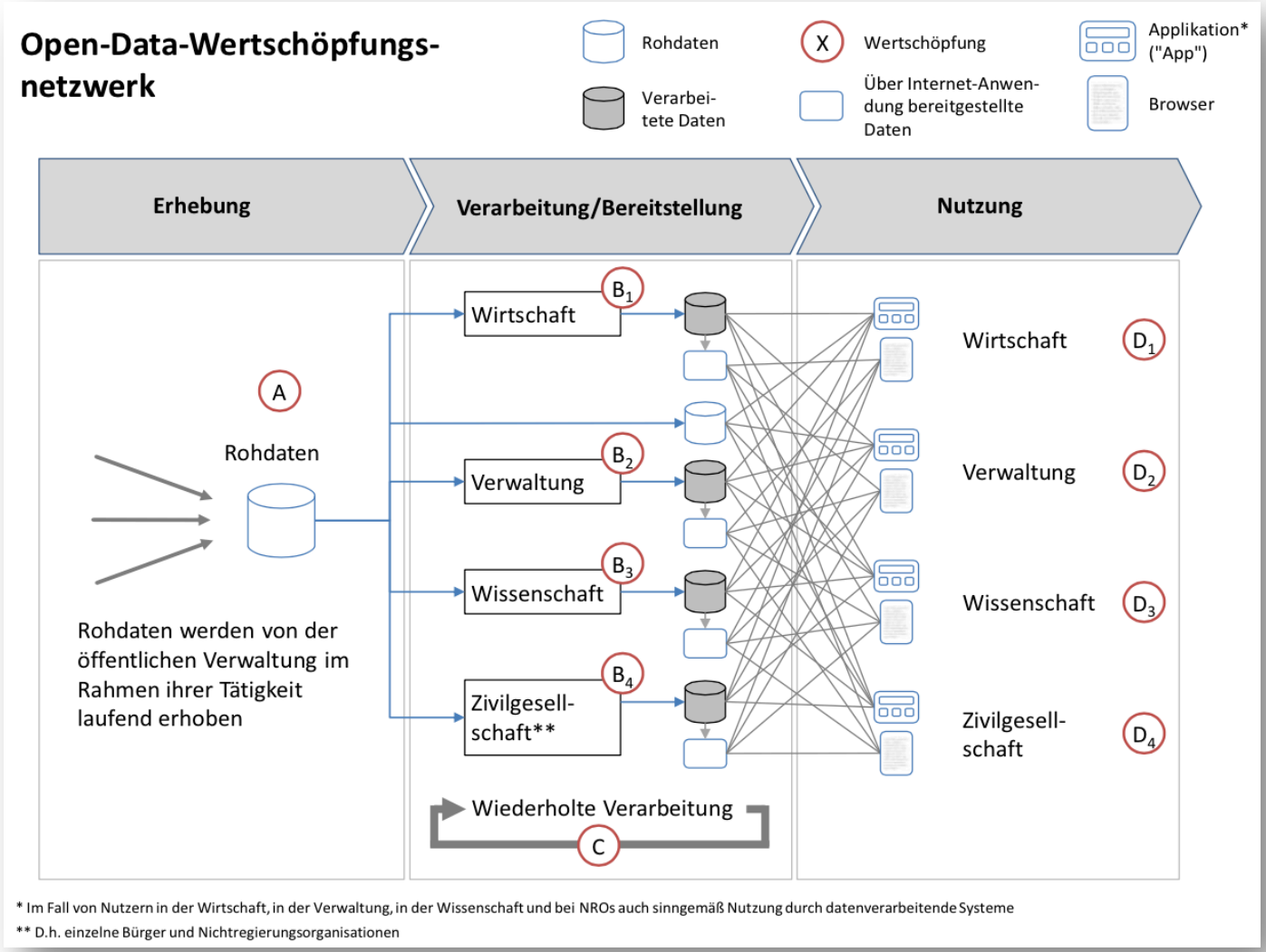
… from solo to an orchestra

- **Service Products**
  - Interoperability Labs: eGovernment, Cloud/SOA, Secure eIdentity, Document-IOP, Open/Closed Source
  - Standards, architectures, R&D (patents, pre-products), Consulting
  - Prototype development, Pilot schemes, flagship initiatives
  - Development of interoperable eGov-scenarios
  - eGovernment roadmaps, technology studies

- **Government projects since 1995**
  - Federal, States, Berlin, Municipalities
  - International: EU (eTEN, IST), Japan, Brasilia, …
- **Competence Center ELAN since July 2004**
  - Electronic Government and Applications
  - More than 80 employees
  - More than 70 partners from industry, economy and the public sector

- **Research & Development**
  - Secure eIdentity Management & Test and Demonstration Center of the new German identity card
  - eGovernment Processes
  - Governance Technology & High Performance Portals
  - Open Service Engineering
    - Interoperability and Cloud Computing
    - Open Government & Open Data
  - Public Innovation

OPEN GOVERNMENT DATA



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EXAMPLES OF OPEN GOVERNMENT DATA

Live traffic information from the Highways Agency

Transport

Highways Agency

NII PDF XML

Live traffic information data showing traffic information on the strategic road network in England, maintained by the Highways Agency. Update: 12th August 2013 Following a change of...

Building Price and Cost Indices

Economy

Department for Business, Innovation and Skills

NII

Presents quarterly price and cost indices are a basic tool of the trade to anyone involved in estimating, cost checking and fee negotiation on public sector construction works including...

English Indices of Deprivation 2010

Society

Department for Communities and Local Government

CSV HTML XLS

The English Indices of Deprivation 2010 provide a relative measure of deprivation at small area level across England. Areas are ranked from least deprived to most deprived on seven...

Planned road works on the HA road network

Transport

Highways Agency

XML

This dataset provides information on planned roadworks carried out on the Highways Agency network. Roadworks listed cover the period up to 15 days in advance from the date of publication....

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FOKU

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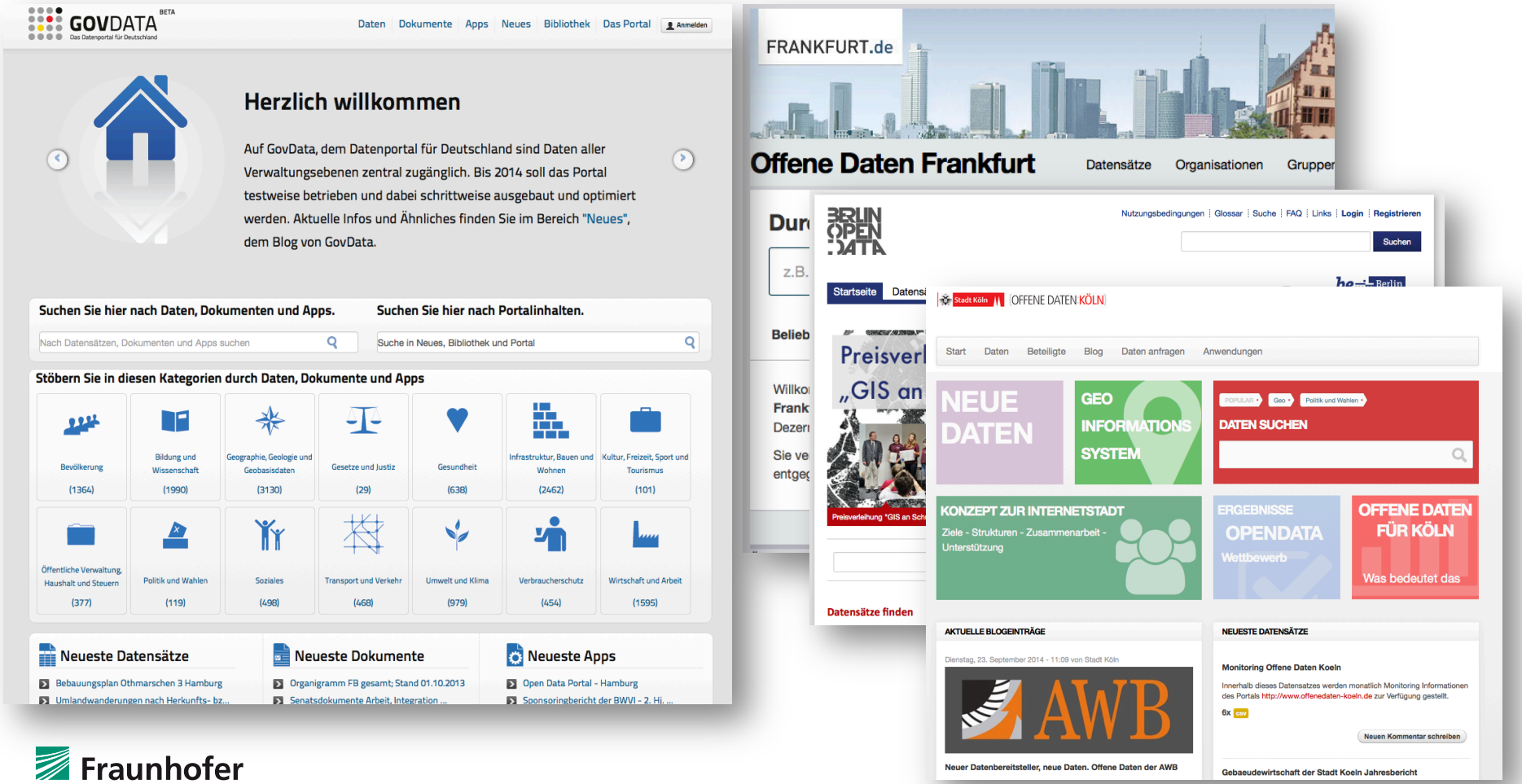
EXAMPLES OF OPEN DATA PORTALS IN GERMANY



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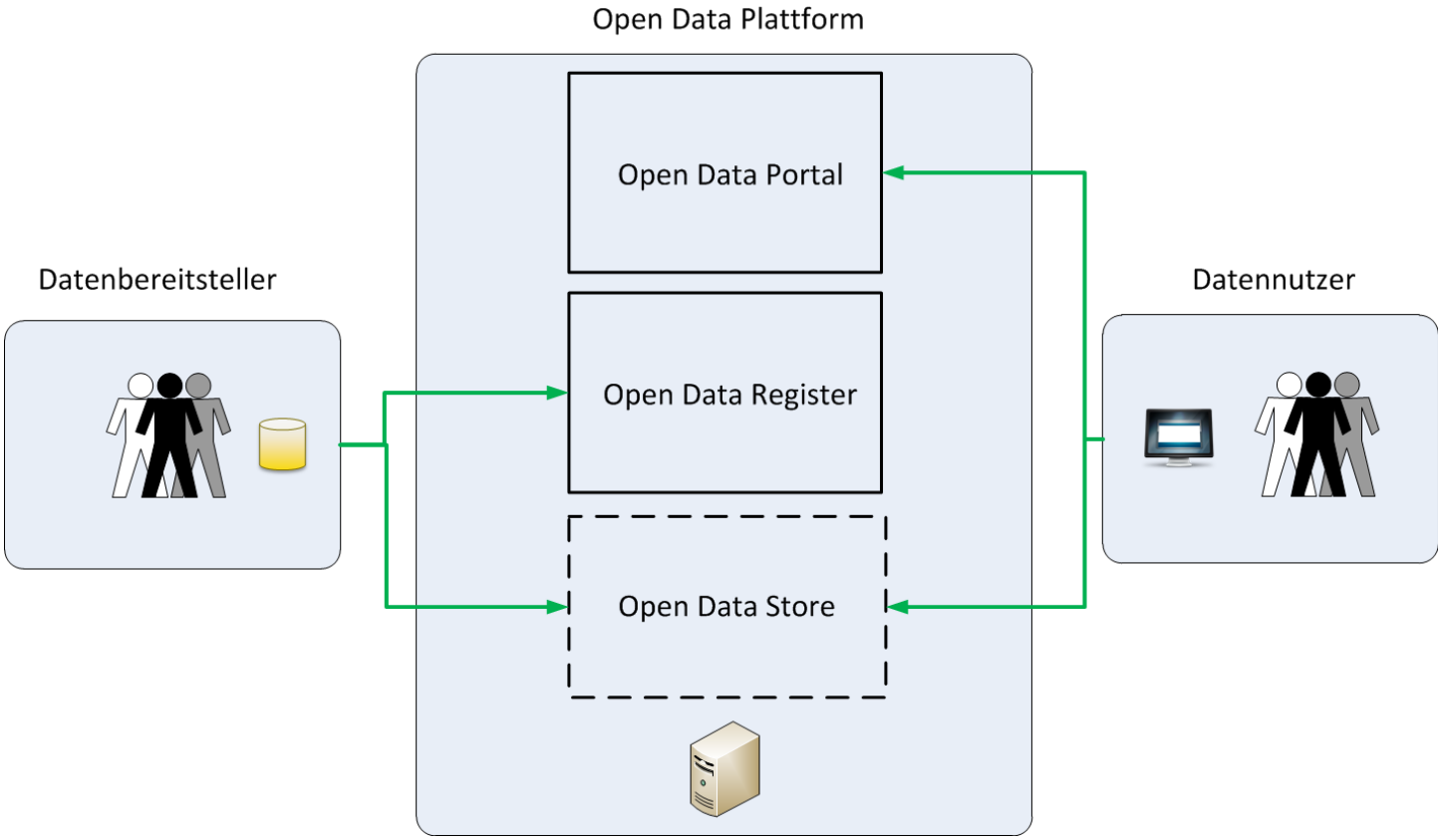
COMPONENTS OF AN OPEN DATA PLATTFORM

... birds eye view



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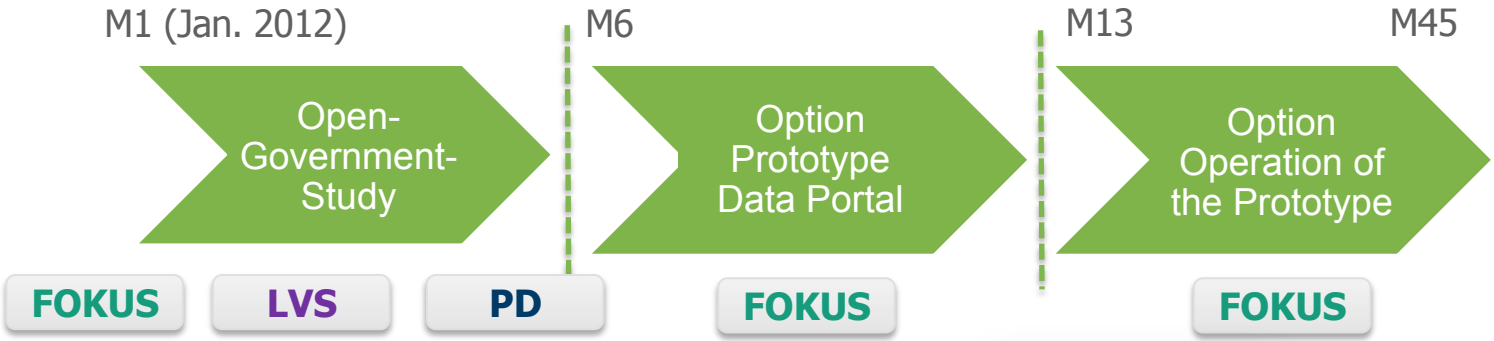
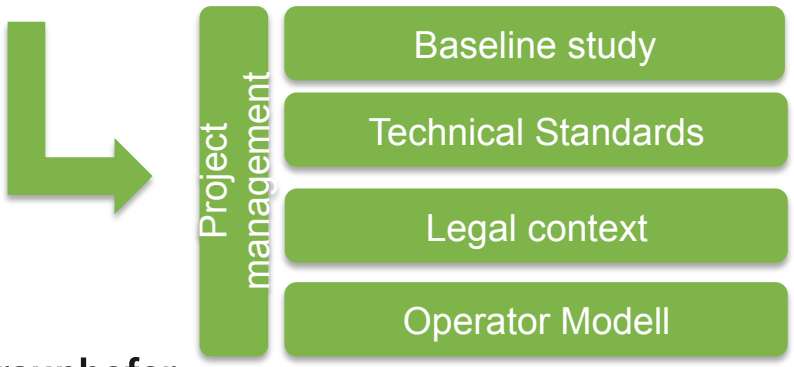
GOVDATA – ON BEHALF OF THE GERMAN INTERIOR MINISTRY

Partnerschaften Deutschland
ÖPP Deutschland AG

Lorenz-von-Stein-Institut
für Verwaltungswissenschaften an der Christian-Albrechts-Universität zu Kiel

- Part of the project „Open Government“ of the federal program „Connected & Transparent Public Administration“
- Cooperation with the steering project „Open Government“ of the National IT planning committee





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GOVDATA – THE DATA PORTAL FOR GERMANY

The national portal offers:

- Coherent access to re-usable data from the federal, state and local level in Germany
- Additionally documents and apps can also be published via GovData
- Search functionalities allow for finding relevant data sets
- Distinct descriptions allow users to easily tell whether a data set is e.g. under open licences, who the data provider is or in which data formats the data is accessible
- Data providers can publish open and restricted data via GovData
- Participation of data providers is voluntary

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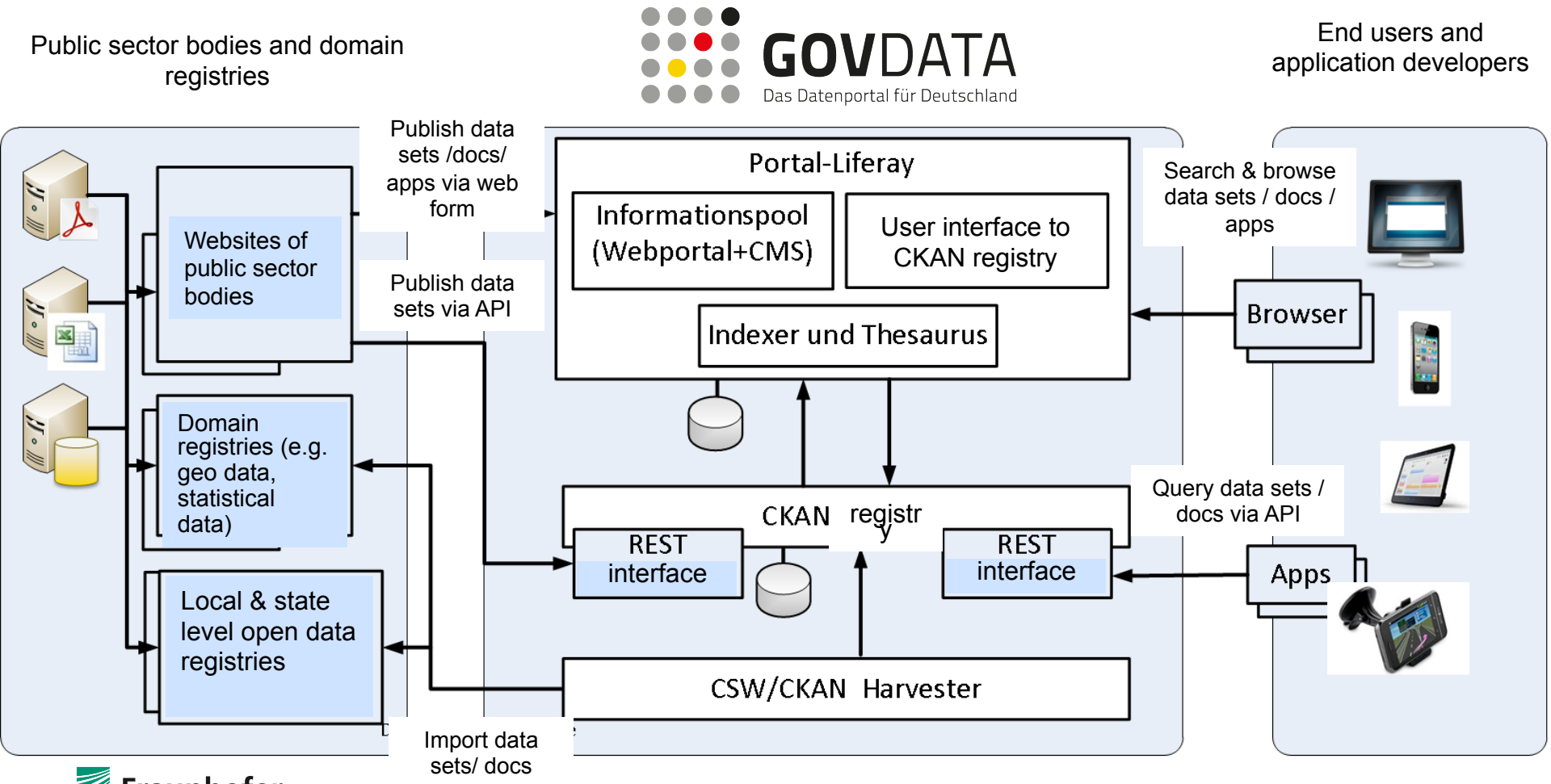
ARCHITECTURE OF GOVDATA

Data catalog – data providers



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HARVESTING & DATA PROVISION

- Great heterogeneity among data providers:

- 4 options for data providers
    - Harvesting/Mining via CSW/ISO19115
      (Geo data catalog, PortalU, destatis)
    - Harvesting CKAN/JSON (Berlin, Hamburg, Bremen)
    - Active provision via REST-API (Bayern)
    - Alternative: Manual registering

- 1 Meta data structure (JSON, CKAN-compatible)

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METADATA STRUCTURE OF GOVDATA

- Continous development of meta data structure
  - Especially reference to original meta data and original catalog
  - Definition of categories
  - Current version accessible via https://github.com/fraunhoferfokus/ogd-metadata

- Transparent, cooperative maintenance via version control:
  - Change requests can be published easily
  - History is documented
  - Current status is always visible

- Small changes, especially in lists are presumable

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DATA LICENCE GERMANY – DATENLIZENZ DEUTSCHLAND

- The federal-state-level working group „Open Government“ developed standard use regulations for the provision and usage of data.
- Version 1.0 was published January 2013, Version 2.0 in July 2014

- **Datenlizenz Deutschland – Attribution – Version 2.0**
  - **Open usage regulation**
    - Condition of attribution
    - https://www.govdata.de/dl-de/by-2-0

- **Datenlizenz Deutschland – Zero – Version 2.0**
  - Non-conditional licence
  - https://www.govdata.de/dl-de/zero-2-0

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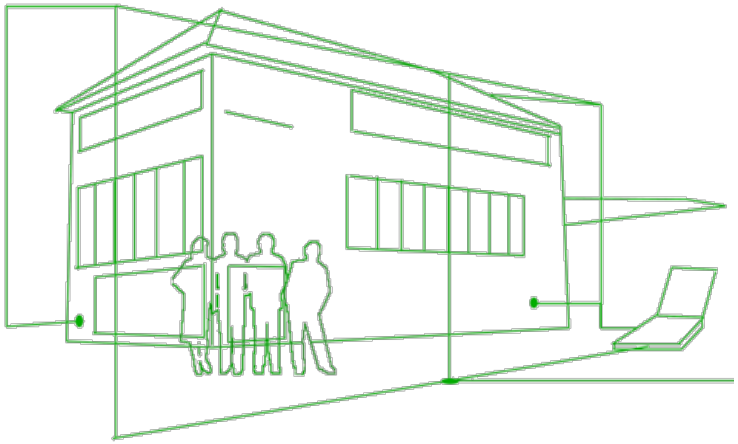

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